

ABSTRACT

METHOD FOR SYNCHRONIZING RADIO COMMUNICATION SYSTEM DIVIDED INTO RADIO CELLS

Data is transmitted via time division multiple access methods and every radio cell includes one base station each for the radio coverage of a plurality of mobile stations assigned to the radio cell. The base station receives, in addition to mobile station signals of its own radio cell, mobile station signals of neighboring radio cells and determines, on the basis of the mobile station signals received, a time synchronization value and/or a frequency synchronization value to which the base station synchronizes itself.